1517 3rd Street, Sacramento, California 95814

PROFESSIONAL QUALIFICATIONS

EMPLOYMENT EXPERIENCE

1/99 to present

Executive Director, California Urban Water Conservation Council

Director of California's only professional conservation organization, composed of 313 water agencies, environmental organizations, and professional firms. Responsible for the implementation of 14 Best Management Practices for water use efficiency, and for reporting

to the

State Water Resources Control Board and CALFED on the State's progress on these practices. Other duties include managing Council staff, preparing reports and publications, significant public speaking, technical assistance to members, and coordinating with governmental agencies.

7/93 to 1/99

Branch Manager, Legislative and Policy Development, Metropolitan Water District of Southern California

Manager of a Branch of 20 staff members and four technical consultants on policy and legislative initiatives. Responsibilities include developing Metropolitan's position on legislation, developing new policy initiatives and legislation in a consensus process with member agencies and other outside organizations, coordinating the District's public outreach program on planning policy issues in concert with the member agencies, and managing the Division's administrative functions.

10/92 to 7/93

Conservation Branch, Metropolitan Water District of Southern California

Managed a section of five employees working closely with member agencies to implement conservation programs throughout the service area. Managed a budget of \$18 million for conservation incentive programs and negotiated and mediated with member agency managers and staff.

CCRO/IO#1-276

7/89 to 10/92

Deputy Director of Public and Government Affairs, South Central Connecticut Regional Water Authority

Directed all Authority activities relating to state, regional and local governments, including legislative representation on water supply and water quality issues. Managed all public affairs, communications, and education programs. Handled a water quality public notification on biofilm. Supervised staff.

9/85 to 7/89

Principal Environmental Analyst, Connecticut Department of Environmental Protection

Executive Assistant, Office of the Commissioner

(10/87 to 7/89) Directed problem resolution for Commissioner of Environmental Protection and represented the Commissioner in negotiating sessions. Coordinated major policy issues and projects. Created DEP's Land Acquisition Priority Rating System, coped widely around the country. Invited as consultant on US/UK Exchange Program on public participation and land use planning. Speechwriter for Commissioner on all subjects; general executive assistance.

Supervisor, Coastal Programs Section

(9/85 to 10/87) Responsible for all management and regulatory functions as head of eight-person municipal coastal management section, the heart of Connecticut's coastal area management program. Supervised staff coastal site plan reviews in 36 coastal towns, provided technical and legal assistance to municipalities during the planning and zoning process, and managed policy concerns regarding coastal resource allocation, including drafting of legislation.

6/79 to 9/85

Environmental Consultant

- Designed and implemented for four years under contract with the Connecticut Dept. of Environmental Protection a 7-course educational workshop series for annual elected officials on land use and natural resources
- Provided focused research, writing, and public participation projects for environmental organizations such as the Farmington River Watershed Association, CT Hazardous Waste Management Service, Nature Conservancy, CT League of Women Voters, and ELECT
- Researched permit requirements for several development firms
- Designed and managed numerous resources conferences, including a major flooding conference for the U.S. Army Corps of Engineers and a week-long annual meeting of state geologists from the fifty states held in Mystic, CT
- Directed a two-year "offset" pilot air quality program composed of six staff people for the Conn. Department of Economic Development

 Authored various publications on planning and zoning law, site plan review, groundwater quality, coastal management, and hazardous materials spills.

3/78 to 6/79

Executive Director, Connecticut Council on Environmental Quality

Directed staff work for Governor-appointed board charged with overseeing environmental quality and resolving environmental problems. Prepared detailed annual report on the State's environment, which included recommendations on policy initiatives; investigated and assisted in resolving citizen complaints; and responded to environmental impact statements for state agency construction projects. Received special EPA grant to assist DEP in adoption of the State Implementation Plan for Air Quality, and to prepare public education materials concerning the content of the plan. Managed budget and supervised staff.

1/72 to 3/78

Senior Environmental Analyst, Connecticut Department of Environmental Protection

Held various positions during the six-year period, including Public Participation Coordinator for the Coastal Area Management Program (5/76-3/78); Legislative Liaison to the Commissioner of Environmental Protection (1/74-5/76); Editor, DEP Citizen's Bulletin (8-75 to 2/76); and Researcher in the Office of Planning & Research (1/72 to 1/74). Drafted legislation and regulations, prepared briefing reports and public information materials. Supervised intern staff.

EDUCATION

Graduate of Grosse Pointe High School, Grosse Pointe, Michigan Undergraduate coursework at University of Michigan, Ann Arbor, MI Bachelor's Degree Environmental Planning, University of Connecticut, Storrs, CT Master's coursework in Renewable Natural Resources, Univ. of Connecticut, Storrs, CT

GUEST LECTURES GIVEN

Jordan University of Science and Technology, Amman, Jordan Yale School of Forestry and Environmental Studies, New Haven, Connecticut Trinity College, Hartford, Connecticut University of Connecticut, Storrs, Connecticut University of California, San Diego, California California Polytechnical Institute, Pomona, California Mount San Antonio College, Pomona, California

PROFESSIONAL APPOINTMENTS AND AFFILIATIONS

Appointed Member, California Water Plan Advisory Committee (Bulletin 160-2003)
Appointed Member, CALFED Water Use Efficiency Public Advisory Committee

Appointed Member, EPA Advisory Commission for Safe Drinking Water Act Conservation Guidelines

Former Chair, National Water Conservation Division, American Water Works Association Chair, Urban Water Use Efficiency Committee, Association of California Water Agencies

Member, Advisory Committee, California Public Officials for Water and Environmental Reform

Former Board Member, California South Coast Wildlands Project

Former Board Trustee, Connecticut Chapter of the Nature Conservancy

Former Co-Chair, Steering Committee, Connecticut Earth Day 20

Former Board Officer, Connecticut Audubon Society

Former Treasurer and Board Member, Middlesex Land Trust

Former President, Wallingford Land Trust

Former Campaign Manager and Issue Advisor for 6-term Mayor of Connecticut municipality

Former Co-Chair, Wallingford Downtown Revitalization Committee

Former Vice-President, Wallingford League of Women Voters

PUBLICATIONS AND TECHNICAL PAPERS AUTHORED AND AVAILABLE

The California Urban Water Conservation Council: A Consensus Partnership for Water Conservation and Proof for the Stakeholders: Water Utilities to Earn Certifications of Efficiency. Two papers presented in April, 2002 in Melbourne Australia at the International Water Association 2002 Word Congress. Both papers discuss recent developments in California to develop water use efficiency certification involving the California Urban Water Conservation Council.

Announcing a New Water Efficient Home Web Site: Water Conservation Information for Your Residential Customers. Paper presented at the Water Sources Conference in Las Vegas in January, 2002. Co-authored with Lisa Maddaus. Outlines the elements of the water-saving home web site at www.h2ouse.org, developed and hosted by the California Urban Water Conservation Council with funding from the U.S. Environmental Protection Agency.

Benefits of the United States Nationwide Plumbing Efficiency Standards. Presented in Madrid Spain in May of 2001 at the Conferencia Internacional sobre Uso y Gestion Eficiente del Agua en Abastecimientos Urbanos. Evaluates the water and cost savings to utilities and their customers from the plumbing standards enacted in the U.S. Energy Policy Act of 1992. Co-authored with Bill and Lisa Maddaus. Subsequently translated into Spanish and published.

Water Resources Management in the Age of the Internet. Presented in October of 2000 in Madrid, Spain at the Congreso Sobre Recursos Hidricos. Explores evolving water resource management applications in the Internet and provides examples of Internet applications.

Water Conservation in the United States: A Decade of Progress. Presented in January of 1999 in Zaragoza, Spain at the Water Efficiency in Cities International Conference. Summarizes the achievements in water conservation to date, both nationally and in California in particular. Subsequently translated into Spanish and published in a textbook.

Southern California's Landmark Integrated Resources Plan. Paper presented at Conserv '96 in Orlando, Florida. Co-authored with Dan Rodrigo of Metropolitan Water District of Southern California and Paul Brown of Camp, Dresser, & McKee. Outlines the elements of the MWD plan and how it was developed to evaluate alternative water resource options for southern California.

Successful Conservation Bidding: How to Get What You Want. Paper Presented at Conserv '93 in Las Vegas, an international conference on water conservation. Outlines the steps involved in preparing successful RFPs, RFQs, and product bids, both from the bidder's and the agency's perspectives. Coauthored by Thomas Pape.

The Water Conservation Manager's Guide to Residential Retrofit. A 1993 guide to designing, implementing, and evaluating residential water conservation programs, published by the American Water Works Association.

Close Coordination with Connecticut's Coastal Communities: A Prototype for Successful Land-Use Regulation. Paper presented in May of 1987 in Seattle at Coastal Zone '87. Describes the Connecticut coastal program and its key elements of land-use review.

What's Legally Required? A Guide to the Legal Rules for Making Local Land-Use Decisions. Revised yearly since 1981 and published by the University of Connecticut and the Department of Environmental Protection. Over 5,000 copies sold in its first printing. Used by planning and zoning commissions, lawyers, and planners. Puts the general statute requirements in plain language and logical order, and offers a summary of relevant case law which would be of interest to the lay commission member.

Protecting Connecticut's Groundwater: A Guide to Groundwater Protection for Local Officials. Published September, 1984 by the Department of Environmental Protection. Co-written with Ellen Harrison. Promoted by the Governor at the Northeastern Governor's Conference, September 1985 as the first northeastern state-sponsored municipal aquifer education program. Still cited and quoted by USEPA in their Citizen's Guide to Groundwater.

Site Plan Review: A Guide to Evaluating Natural Resource Capacity for Development. Published March, 1982 by the University of Connecticut and the Department of Environmental Protection. Used by planning and zoning commissions and planners across the state.

1978 Annual Report, Council on Environmental Quality. Wrote and published a 100-page analysis of the state's environmental and natural resource management programs, complete with recommendations for remedial legislative action. Well-received by the General Assembly. Air Quality Program analysis resulted in air quality grant award from the U.S. Environmental Protection Agency.

Editor, *DEP Citizen's Bulletin*, a monthly magazine publication of the Department of Environmental Protection, 1975-1976.

Long Island Sound: An Atlas of Natural Resources. Project manager and editor. Supervised design, writing, and publication of a 4-color coastal resource atlas, 1976.

Will Your Coast Always Be There? Project manager and author of 13-page illustrated booklet written in layman's language on Connecticut's coastal management program. 1981.